

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-73. (Cancelled).

74. (Currently Amended) A component of a medical device, wherein the component includes a region that comprises a ~~polyester~~ polyamide having a tensile strength of at least about 21,000 psi, wherein the region of the component is tube-shaped ~~and the region of the component is adapted to be bonded to a hypotube.~~

75. (Cancelled).

76. (Original) The component of claim 74, wherein the component is a catheter.

77. (Original) The component of claim 74, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

78. (Currently Amended) The component of claim 74, wherein the tensile strength of the ~~polyester~~ polyamide is at least about 22,500 psi.

79. (Currently Amended) The component of claim 74, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

80. (Currently Amended) A tube-shaped portion of a catheter, the tube-shaped portion including a region comprising a ~~polyester~~ polyamide having a tensile strength of at least about

21,000 psi, ~~and the region of the tube-shaped portion of the catheter adapted to be bonded to a~~
hypotube.

81. (Original) The tube-shaped portion of claim 80, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

82. (Currently Amended) The tube-shaped portion of claim 80, wherein the tensile strength of the ~~polyester~~ polyamide is at least about 22,500 psi.

83. (Currently Amended) The tube-shaped portion of claim 80, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

84. (Currently Amended) A component of a medical device, wherein the component includes a region that comprises a ~~polyester~~ polyamide having a hoop stress of at least about 3300 psi, wherein the region of the component is tube-shaped, ~~and the region of the component is adapted to be bonded to a hypotube.~~

85. (Cancelled).

86. (Original) The component of claim 84, wherein the component is a catheter.

87. (Original) The component of claim 84, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

88. (Currently Amended) The component of claim 84, wherein the hoop stress of the ~~polyester~~ polyamide is at least about 3500 psi.

89. (Currently Amended) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a ~~polyester~~ polyamide having a hoop stress of at least about 3300 psi, ~~the region of the tube-shaped portion being adapted to be bonded to a hypotube.~~

90. (Original) The tube-shaped portion of claim 89, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

91. (Currently Amended) The tube-shaped portion of claim 89, wherein the hoop stress of the ~~polyester~~ polyamide is at least about 3500 psi.

92. (Currently Amended) A component of a medical device, wherein the component includes a region that comprises a ~~polyester~~ polyamide having a load at break ratio of at least about 1.25 wherein the region of the component is tube-shaped ~~and adapted to be bonded to a hypotube.~~

93. (Cancelled).

94. (Original) The component of claim 92, wherein the component is a catheter.

95. (Original) The component of claim 92, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

96. (Currently Amended) The component of claim 92, wherein the load at break ratio of the ~~polyester~~ polyamide is at least about 1.5.

97. (Currently Amended) The component of claim 92, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

98. (Currently Amended) The component of claim 92, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

99. (Currently Amended) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a ~~polyester~~ polyamide having a load at break ratio of at least about 1.25, ~~the region of the tube-shaped portion being adapted to be bonded to a hypotube.~~

100. (Original) The tube-shaped portion of claim 99, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

101. (Currently Amended) The tube-shaped portion of claim 99, wherein the load at break ratio of the ~~polyester~~ polyamide is at least about 1.5.

102. (Currently Amended) The tube-shaped portion of claim 99, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

103. (Currently Amended) The tube-shaped portion of claim 99, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

104. (Currently Amended) A component of a medical device, wherein the component includes a region that comprises a ~~polyester~~ polyamide having a hoop stress ratio of at least about 1.25, wherein the region of the component is tube-shaped, ~~and the region of the component is adapted to be bonded to a hypotube.~~

105. (Cancelled).

106. (Original) The component of claim 104, wherein the component is a catheter.

107. (Original) The component of claim 104, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

108. (Currently Amended) The component of claim 104, wherein the hoop stress ratio of the ~~polyester~~ polyamide is at least about 1.5.

109. (Currently Amended) The component of claim 104, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

110. (Currently Amended) The component of claim 104, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

111. (Currently Amended) The component of claim 104, wherein the ~~polyester~~ polyamide has a load at break ratio of at least about 1.25.

112. (Currently Amended) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a ~~polyester~~ polyamide having a hoop stress ratio of at least about 1.25, ~~the region of the tube-shaped portion being adapted to be bonded to a hypotube.~~

113. (Original) The tube-shaped portion of claim 112, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

114. (Currently Amended) The tube-shaped portion of claim 112, wherein the hoop stress ratio of the ~~polyester~~ polyamide is at least about 1.5.

115. (Currently Amended) The tube-shaped portion of claim 112, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

116. (Currently Amended) The tube-shaped portion of claim 112, wherein the ~~tube-polyester~~ polyamide has a hoop stress of at least about 3300 psi.

117. (Currently Amended) The tube-shaped portion of claim 112, wherein the ~~polyester~~ polyamide has a load at break ratio of at least about 1.25.

118. (Currently Amended) A component of a medical device, wherein the component including a region that comprises a ~~polyester~~ polyamide having a post buckle fracture tensile strength of at least about 6500 psi, wherein the region of the component is tube-shaped, ~~and the region of the component is adapted to be bonded to a hypotube.~~

119. (Cancelled).

120. (Original) The component of claim 118, wherein the component is a catheter.

121. (Original) The component of claim 118, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

122. (Currently Amended) The component of claim 118, wherein the post buckle fracture tensile strength of the ~~polyester~~ polyamide is at least about 8000 psi.

123. (Currently Amended) The component of claim 118, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

124. (Currently Amended) The component of claim 118, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

125. (Currently Amended) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a ~~polyester~~ polyamide having a post buckle fracture tensile strength of at least about 6500 psi, ~~the region of the tube-shaped portion being adapted to be bonded to a hypotube.~~

126. (Original) The tube-shaped portion of claim 125, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

127. (Currently Amended) The tube-shaped portion of claim 125, wherein the post buckle fracture tensile strength of the ~~polyester~~ polyamide is at least about 8000 psi.

128. (Currently Amended) The tube-shaped portion of claim 125, wherein the ~~polyester~~ polyamide has a tensile strength of at least about 21,000 psi.

129. (Currently Amended) The tube-shaped portion of claim 125, wherein the ~~polyester~~ polyamide has a hoop stress of at least about 3300 psi.

130. (Currently Amended) The component of claim 74, wherein the ~~polyester~~ polyamide comprises a copolymer.

131. (Currently Amended) The tube-shaped portion of a catheter of claim 80, wherein the ~~polyester~~ polyamide comprises a copolymer.

132. (Currently Amended) The component of claim 84, wherein the ~~polyester~~ polyamide comprises a copolymer.

133. (Currently Amended) The tube-shaped portion of a catheter of claim 89, wherein the ~~polyester~~ polyamide comprises a copolymer.

134. (Currently Amended) The component of claim 92, wherein the ~~polyester~~ polyamide comprises a copolymer.

135. (Currently Amended) The tube-shaped portion of a catheter of claim 99, wherein the ~~polyester~~ polyamide comprises a copolymer.

136. (Currently Amended) The component of claim 104, wherein the ~~polyester~~ polyamide comprises a copolymer.

137. (Currently Amended) The tube-shaped portion of a catheter of claim 112, wherein the ~~polyester~~ polyamide comprises a copolymer.

138. (Currently Amended) The component of claim 118, wherein the ~~polyester~~ polyamide comprises a copolymer.

139. (Currently Amended) The tube-shaped portion of a catheter of claim 125, wherein the ~~polyester~~ polyamide comprises a copolymer.